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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/903,943

DATE: 12/07/2001

TIME: 17:27:43

Input Set: N:\Crf3\RULE60\09903943.txt

Output Set: N:\CRF3\12072001\I903943.raw

3 <110> APPLICANT: Genentech, Inc.
 4 Ashkenazi, Avi
 5 Botstein, David
 6 Lesnovers, Luc
 7 Eaton, Dan L.
 8 Ferrara, Napoleone
 9 Filvaroff, Ellen
 10 Fong, Sherman
 11 Gao, Wei-Qiang
 12 Gerber, Hanspeter
 13 Gerritsen, Mary E.
 14 Goddard, A.
 15 Godowski, Paul J.
 16 Grimaldi, Christopher J.
 17 Gurney, Austin L.
 18 Hillan, Kenneth, J.
 19 Kljavin, Ivar J.
 20 Mather, Jennie P.
 21 Pan, James
 22 Paoni, Nicholas F.
 23 Roy, Margaret Ann
 24 Stewart, Timothy A.
 25 Tumas, Daniel
 26 Williams, P. Mickey
 27 Wood, William, I.
 29 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 30 Acids Encoding the Same
 32 <130> FILE REFERENCE: 10466-14
 34 <140> CURRENT APPLICATION NUMBER: 09/903,943
 35 <141> CURRENT FILING DATE: 2001-07-11
 37 <150> PRIOR APPLICATION NUMBER: 09/665,350
 38 <151> PRIOR FILING DATE: 2000-09-18
 40 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
 41 <151> PRIOR FILING DATE: 2000-02-22
 43 <150> PRIOR APPLICATION NUMBER: US 60/143,048
 44 <151> PRIOR FILING DATE: 1999-07-07
 46 <150> PRIOR APPLICATION NUMBER: US 60/145,698
 47 <151> PRIOR FILING DATE: 1999-07-26
 49 <150> PRIOR APPLICATION NUMBER: US 60/146,222
 50 <151> PRIOR FILING DATE: 1999-07-28
 52 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
 53 <151> PRIOR FILING DATE: 1999-09-08
 55 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944
 56 <151> PRIOR FILING DATE: 1999-09-13
 58 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090
 59 <151> PRIOR FILING DATE: 1999-09-15
 61 <150> PRIOR APPLICATION NUMBER: PCT/US99/21547

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65 <151> PRIOR FILING DATE: 1999-10-05
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68 <151> PRIOR FILING DATE: 1999-11-29
70 <150> PRIOR APPLICATION NUMBER: PCT/US99/28313
71 <151> PRIOR FILING DATE: 1999-11-30
73 <150> PRIOR APPLICATION NUMBER: PCT/US99/28564
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77 <151> PRIOR FILING DATE: 1999-12-02
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104 tggagctccg gctgcgtctt cccgcagcgc taccgcctat gcgcctgccg 150
106 ccccggaacg cgtggggcct cctgccctt ctgctgctgc tgcgcgccgc 200
108 gcgggaagcc gccaaagaag cgacgcctg ccacccgtgc cgggggctgg 250
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126 glacraagc ccgctgtgca ctgactgcac ggacggctac ttcagctcgc 700
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138 aggaactgt aaagagtgt tctctgcta ccgagggag caggacagt 1000
140 gtgcagatgt ggacgagtg tcaactagcag aaaaaacctg tgtgaggaaa 1050
142 aacgaaaact gctacaatac tccaggagc tacgtctgtg tgtgtcctga 1100
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154 gcctgctctc taacgggtga ttctcatttg tcccttaaac agctgcattt 1350
156 cttggttgtt ctttaacaga cttgtatatt ttgatacagt tctttgtaat 1400
158 aaaattgacc attgtaggta atcaggagga aaaaaaaaaa aaaaaaaaaa 1450
160 aaagggcggc cgcgactcta gagtcgacct gcagaagctt ggcgcgcctg 1500
162 gcccacttg tttattgcag cttataatgg ttacaaataa agcaatagca 1550
164 tcaaaaattt cacaataaaa gcattttttt cactgcattc tagttgtgtt 1600
166 ttgtccaaac tcatcaatgt atcttatcat gtctggatcg ggaattaatt 1650
168 cggcgcagca ccattggctg aaataacctc tgaaagagga acctggttag 1700
170 gtaactctct aggcggaaag aaccagctgt ggaatgtgtg tcagttaggg 1750
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174 ctcaattagt cagcaacca gtttt 1825

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176 <210> SEQ ID NO: 2

177 <211> LENGTH: 353

178 <212> TYPE: PR1

179 <213> ORGANISM: Homo Sapien

181 <400> SEQUENCE: 2

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186      20          25          30
188 Cys His Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met
189      35          40          45
191 Val Asp Thr Ala Lys Lys Asn Phe Gly Gly Gly Asn Thr Ala Trp
192      50          55          60
194 Glu Glu Lys Thr Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu
195      65          70          75
197 Leu Glu Ile Leu Glu Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys
198      80          85          90
200 Asn Gln Met Leu Glu Ala Gln Glu Glu His Leu Glu Ala Trp Trp
201      95          100          105
203 Leu Gln Leu Lys Ser Glu Tyr Pro Asp Leu Phe Glu Trp Phe Cys
204      110          115          120
206 Val Lys Thr Leu Lys Val Cys Cys Ser Pro Gly Thr Tyr Gly Pro
207      125          130          135
209 Asp Cys Leu Ala Cys Gln Gly Gly Ser Gln Arg Pro Cys Ser Gly
210      140          145          150
212 Asn Gly His Cys Ser Gly Asp Gly Ser Arg Gln Gly Asp Gly Ser
213      155          160          165
215 Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu Cys Thr Asp Cys
216      170          175          180
219 Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr His Ser Ile
220      185          190          195
222 Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly Leu Thr
223      200          205          210
225 Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp Glu
226      215          220          225
228 Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro

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229          230          235          240
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232          245          250          255
234 Cys Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly
235          260          265          270
237 Pro Gly Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His
238          275          280          285
240 Gly Gln Cys Ala Asp Val Asp Glu Cys Ser Leu Ala Glu Lys Thr
241          290          295          300
243 Cys Val Arg Lys Asn Glu Asn Cys Tyr Asn Thr Pro Gly Ser Tyr
244          305          310          315
246 Val Cys Val Cys Pro Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys
247          320          325          330
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252 Gln Leu Pro Ser Arg Glu Asp Leu
253          350
255 <210> SEQ ID NO: 3
256 <211> LENGTH: 2206
257 <212> TYPE: DNA
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260 <400> SEQUENCE: 3
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263 tagagatccc tcgacctcga cccacgcgtc cgccaggccg ggaggcgacg 100
265 cggccagccg tctaaacggg aacagccctg gctgagggag ctgcagcgca 150
267 gcagagtatc tgacggcgcc aggtttcgta ggtgcggcac gaggagtitt 200
269 cccggcagcg aggaggtcct gaggcagcat gcccgaggga ggccttccc 250
271 tgcgcgcgcg ctctggtctt ggagcctcct cctgtgcctg ctggcactgc 300
273 gggcgaggagc cgggcgcgcg caggaggaga gctgtacct atggatcgat 350
275 gctcaccagg caagagtact cataggattt gaagaagata tctgattgt 400
277 ttcagagggg aaaatggcac cttttacaca tgatttcaga aaagcgcaac 450
279 agagaatgcc agctattcct gtcaatatcc atccatgaa tttacctgg 500
281 caagctgcag gccaggcaga atacttctat gaattcctgt ccttgcgctc 550
284 cctggataaa ggcacatcag cagatccaac cgtcaatgtc cctctgctgg 600
286 gaacagtgcc tcacaaggca tcagttgttc aaqttggttt cccatgtctt 650
288 ggaaaacagg atgggtggtc agcatttgaa gtgagtgtga ttgttatgaa 700
290 ttctgaaggc aacaccattc tccaaacacc tcaaaatgct atcttcttta 750
292 aaacatgtca acaagctgag tgcccaggcg ggtgccgaaa tggaggcttt 800
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296 ctgtgagaaa gccctttgta ccccacgatg tatgaatggt ggaatttgtg 900
298 tgactcctgg ttctgcctc tgcccacctg gattctatgg agtgaactgt 950
300 gacaaagcaa actgtccaac cactgcttt aatggaggga cctgtttcta 1000
302 ccttgaaaaa tjtatttgcc ctccaggact agagggagag cagtgtgaaa 1050
304 tcagcaaatg cccacaaccc tgtcgaaatg gaggtaaatg cattggtaaa 1100
306 agcaaatgta agtggtccaa aggttaccag ggaacacctt gttcaaaagc 1150
308 tgtctgcgag cctggctgtg gtgcacatgg aacctgccat gaacccaaca 1200
310 aatgccaatg tcaagaaggt tggcatggaa gacactgcaa taaaaggta 1250
312 gaagccagcc tcatacatgc cctgaggcca gcaggcgccc agctcaggca 1300
314 gcacacgcct tcaacttaaaa aqcccaggga gcggcgggat ccacctgaat 1350

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Input Set : N:\Crif3\RULE60\09903943.txt
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316 ccaattacat ctggtgaact cgcacatctg aaacgtttta agttacacca 1400
318 agttcatagc ctttgttaac ctttcattgq ttgaatgttc aaataatgtt 1450
320 cattacactt aagaatactg gectgaattt tattagcttc attataaato 1500
322 actgagctga tatttactct tecttttaag ttttctaagt acgtctgtag 1550
324 catgatggta tagattttct tgtttcagtg ctttgggaca gattttatat 1600
326 tatgtcaatt gatcagggtt aaattttcag tgtgtagtgt gcagatatatt 1650
328 tcaaaaattac aatgcattta tgggtgtctg gggcagggga acatcagaaa 1700
330 ggttaaattg ggcaaaaatg cgttaagtcac aagaatttgg atgggtgcagt 1750
332 taatgttgaa gttacagcat ttcagatttt attgtcagat atttagatgt 1800
334 ttgttacatt tttaaaaatt gctcttaatt tttaaaactct caatacaata 1850
336 tattttgacc ttaccattat tccagagatt cagtattaaa aaaaaaaaaa 1900
338 ttacactgtg gtagtggcat ttaacaata taatatatto taaacacaat 1950
340 gaaataqgga atataatgta tgaacttttt gcattggctt gaagcaatat 2000
342 aatataattgt aaacaaaaaa cagctcttac ctaataaaca ttttatactg 2050
344 tttgtatgta taaaataaag gtgctgcttt agtlltttgg aaaaaaaaaa 2100
346 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggcggccgc gactctagag 2150
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351 ataatg 2206

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353 <210> SEQ ID NO: 4

354 <211> LENGTH: 379

355 <212> TYPE: PRT

356 <213> ORGANISM: Homo Sapien

358 <400> SEQUENCE: 4

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362 20 25 30
363 Pro Gln Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala
364 35 40 45
365 Arg Val Leu Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu
366 50 55 60
367 Gly Lys Met Ala Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln
368 65 70 75
369 Arg Met Pro Ala Ile Pro Val Asn Ile His Ser Met Asn Phe Thr
370 80 85 90
371 Trp Gln Ala Ala Gly Gln Ala Glu Tyr Phe Tyr Glu Phe Leu Ser
372 95 100 105
373 Leu Arg Ser Leu Asp Lys Gly Ile Met Ala Asp Pro Thr Val Asn
374 110 115 120
375 Val Pro Leu Leu Gly Thr Val Pro His Lys Ala Ser Val Val Gln
376 125 130 135
377 Val Gly Phe Pro Cys Leu Gly Lys Gln Asp Gly Val Ala Ala Phe
378 140 145 150
379 Glu Val Asp Val Ile Val Met Asn Ser Glu Gly Asn Thr Ile Leu
380 155 160 165
381 Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr Cys Gln Gln Ala
382 170 175 180
383 Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys Asn Glu Arg
384 185 190 195
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/903,943

DATE: 12/07/2001

TIME: 17:27:44

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L:2197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:4669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:5254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:6950 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:7130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
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L:8528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206